

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-239362
 (43)Date of publication of application : 12.09.1995

(51)Int.CI. G01R 31/26
 B25J 15/06
 H01L 21/66
 H01L 21/68
 H05K 13/04

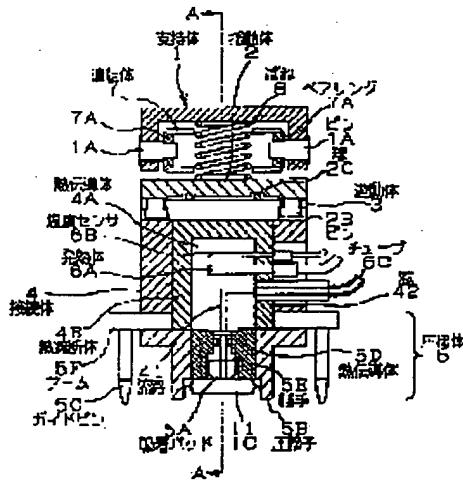
(21)Application number : 06-054585 (71)Applicant : ANDO ELECTRIC CO LTD
 (22)Date of filing : 28.02.1994 (72)Inventor : MITSUI HITOSHI

(54) SUCTION HAND WITH FLOATING MECHANISM AND TRANSFERRING/ TOUCHING MECHANISM

(57)Abstract:

PURPOSE: To provide a mechanism which easily connects an auto handler with a test head and accurately brings an IC into contact with an IC socket.

CONSTITUTION: A suction hand is constituted of a supporting body 1, a vibrating body 2, a free body 3, a connecting body 4 and a pressing body 5. The pressing body 5 is held in a floating state. The pressing body 5 is constituted of a suction pad 5A and a pressing element 5B in one unit by a guide pin 5C. The suction hand descends to an IC socket 21 while sucking an IC 11 by means of the suction pad 5A. When the guide pin 5C enters a guide 22, the IC 11 is correctly registered with the IC socket, and the pressing element 5B presses a lead of the IC 11 to bring it into contact with a contact element of the IC socket.



BEST AVAILABLE COPY

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

BEST AVAILABLE COPY